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Tetra Tech EM Inc.

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EPA Region 5 Records Ctr.



284407

April 2, 2001

Mr. Steve Faryan
On-Scene Coordinator
Emergency Response Branch
U.S. Environmental Protection Agency Region 5
77 West Jackson Boulevard
Chicago, IL 60604

Subject: Letter Report
Nicor Mercury Site
Joliet, Will County, Illinois
Technical Direction Document No. S05-0012-018
Tetra Tech Contract No. 68-W-00-129

Dear Mr. Faryan:

The Tetra Tech EM Inc.(Tetra Tech) Superfund Technical Assessment and Response Team (START) is submitting the enclosed letter report for the Nicor Mercury site in Joliet, Illinois. If you have any questions or comments about the report or need additional copies, please contact me at (312) 946-6495 or Thomas Kouris at (312) 946-6431.

Sincerely,

A handwritten signature in black ink, appearing to read "Brandt D. Brown".

Brandt D. Brown
Project Manager

Enclosure

cc: Lorraine Kosik, U.S. EPA START Program Officer
Thomas Kouris, Tetra Tech START Program Manager

**LETTER REPORT
NICOR MERCURY SITE
JOLIET, WILL COUNTY, ILLINOIS**

Prepared for:

U.S. ENVIRONMENTAL PROTECTION AGENCY
Region 5 Emergency Response Branch
77 West Jackson Boulevard
Chicago, IL 60604

TDD No.:	S05-0012-018
Date Prepared:	April 2, 2001
Contract No.:	68-W-00-129
Prepared by:	Tetra Tech EM Inc.
START Project Manager:	Brandt Brown
Telephone No.:	(312) 946-6495
U.S. EPA On-Scene Coordinator:	Steve Faryan
Telephone No.:	(312) 353-9351

CONTENTS

<u>Section</u>		<u>Page</u>
1.0	INTRODUCTION	1
2.0	BACKGROUND	1
3.0	OVERSEITE ACTIVITIES	3
3.1	WEDNESDAY, DECEMBER 13, 2000	5
3.2	THURSDAY, DECEMBER 14, 2000	5
3.3	THURSDAY, DECEMBER 21, 2000	5
3.4	THURSDAY, JANUARY 4, 2001	5
3.5	WEDNESDAY, JANUARY 10, 2001	6
3.6	FRIDAY, JANUARY 12, 2001	6
3.7	MONDAY, JANUARY 15, 2001	6
3.8	TUESDAY, JANUARY 16, 2001	6
4.0	START SOIL SAMPLING RESULTS	7
5.0	SUMMARY	7

Appendix

- A LIST OF WITNESSES
- B VALIDATED ANALYTICAL DATA PACKAGE

<u>Figures</u>		<u>Page</u>
1	SITE LOCATION MAP	2
2	SITE LAYOUT	4

<u>Tables</u>		<u>Page</u>
1	SOIL SAMPLING RESULTS	8

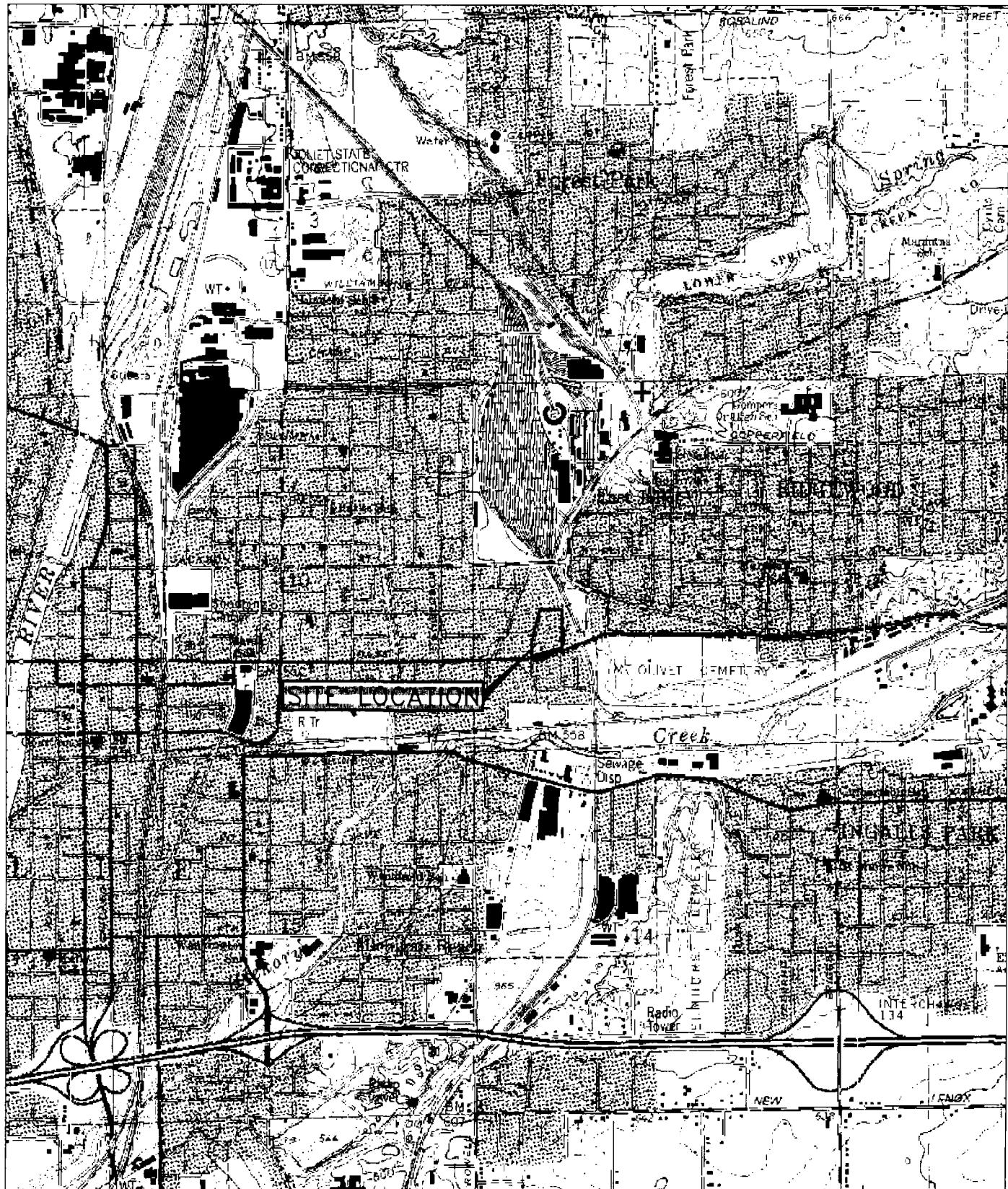
1.0 INTRODUCTION

The Tetra Tech EM Inc. Superfund Technical Assessment and Response Team (START) has prepared this letter report in accordance with the requirements of Technical Direction Document (TDD) No. S05-0012-018 issued by the U.S. Environmental Protection Agency (U.S. EPA). The scope of this TDD consisted of providing technical assistance to U.S. EPA associated with a mercury cleanup being conducted by Nicor Gas (Nicor). One of the tasks under the TDD was to conduct oversight of the cleanup at the Berlinsky Scrap Yard (Nicor Mercury Site) in Joliet, Will County, Illinois. Specifically, START was tasked to conduct split sampling with Nicor's contractor, Huff and Huff (H&H), procure analytical services, validate analytical data, document on-site activities with written logbook notes, and prepare a letter report. This letter report discusses the site background, potentially responsible party (PRP) oversight activities, and sample analytical results. Appendix A contains a list of witnesses for the oversight activities, and Appendix B contains the validated analytical data package for samples collected at the Nicor Mercury Site.

2.0 BACKGROUND

The Nicor Mercury site is located at 212 Page Avenue, Joliet, Illinois, in a commercial and residential area (see Figure 1). Commercial areas are located west of the site across Page Avenue and south of the site across Route 30. The east side of the site is bordered by a railroad. North of the site is a field and the overpass for Route 6.

Before approximately 1961, mercury regulators were installed inside homes of many Nicor customers. Over the past 40 years, Nicor has been systematically replacing the older mercury-containing regulators and moving the meter sets outside. While a Nicor contractor was replacing the mercury regulators, some mercury was spilled inside several homes. In July 2000, Nicor received a call by a resident reporting the presence of mercury, which launched an investigation and subsequent cleanup by Nicor. In addition, the mercury regulators that were taken out of the homes were not disposed of properly and were sent to various scrap yards in the Chicago area. There, the regulators, which still contained mercury, were combined with various other scrap metals and placed in piles. The regulators leaked and subsequently contaminated the underlying soil with mercury.



N
0 1000 2000
SCALE IN FEET



NICOR MERCURY SITE
JOLIET, ILLINOIS

FIGURE 1
SITE LOCATION MAP

Tetra Tech EM Inc.

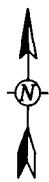
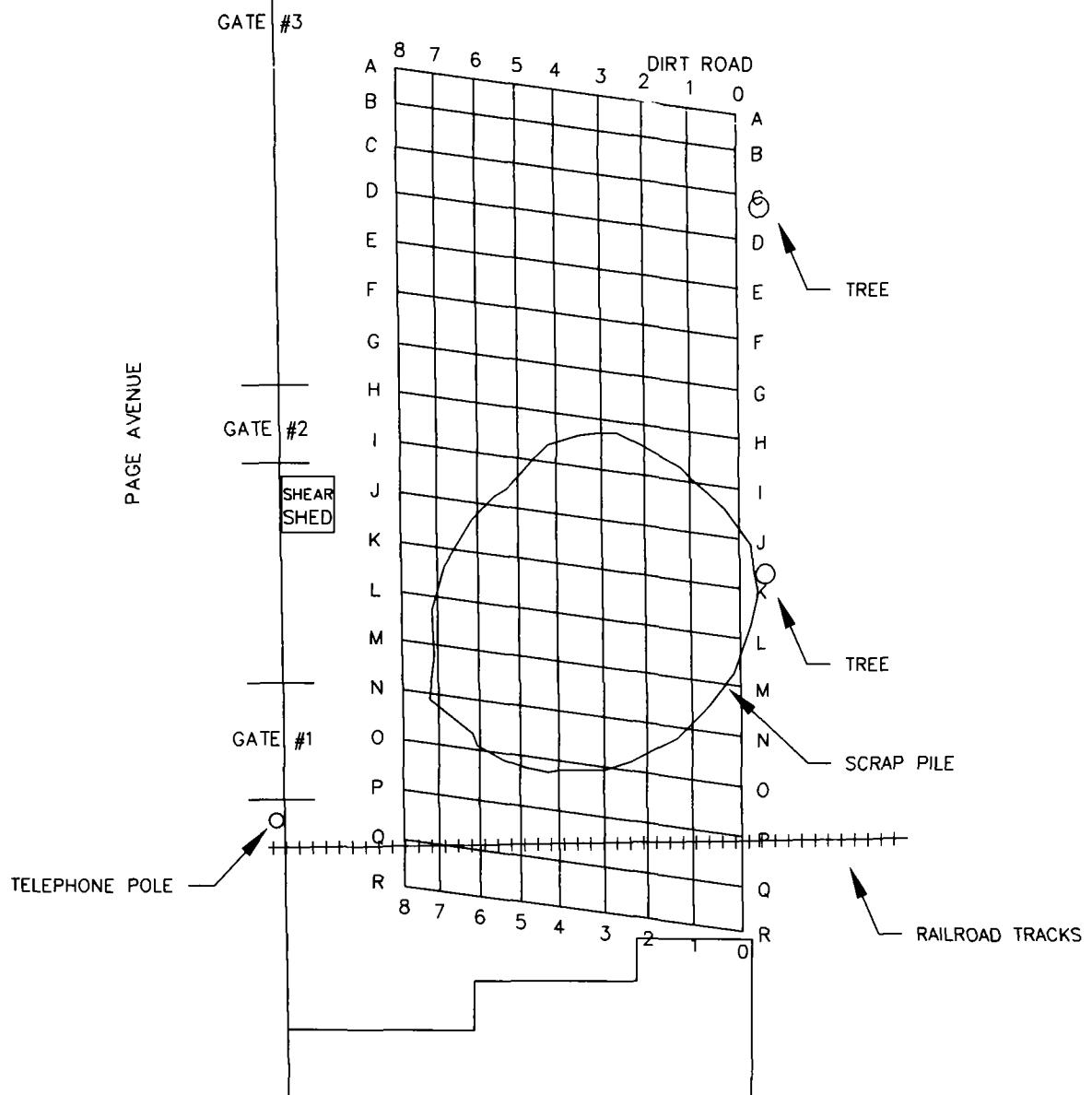
SOURCE: MODIFIED FROM USGS, JOLIET, ILLINOIS QUADRANGLE, 1993

START was tasked to conduct split sampling with Nicor's contractor, H&H. Prior to confirmation sampling, a grid system consisting of individual 10-foot- by 10-foot grids was established over the sampling area (Figure 2). A Jerome Mercury Vapor Analyzer (MVA) was used to analyze each sampling grid. At any location where the Jerome MVA reading was above 0.010 milligram per cubic centimeter (mg/cm^3), a backhoe was used to remove 6 inches of soil from the grid; the area was then re-tested with the Jerome MVA to confirm that the MVA reading was below 0.010 mg/cm^3 .

3.0 OVERSITE ACTIVITIES

Oversite activities were conducted at the Nicor Mercury site on December 12, 2000, through January 16, 2001. START conducted split sampling with Nicor's contractor, H&H. The following protocol was used to confirm that the mercury had been successfully removed from the site:

- The area was sampled based on a system of 10-foot by 10-foot grids (see Figure 2).
- For each row of grids, a soil sample was taken from the grid having the highest final reading on the Jerome MVA. The sample was collected in 6-inch intervals from 0 to 48 inches below ground surface (bgs) using a shovel or pick ax, because the permafrost prevented a hand auger from being used.
- One duplicate sample was collected for every 10 samples.
- All samples were labeled with the site name, date of time of collection, and grid location.
- The grid location is determined by row location (A to R) and column location (0 to 8) (See Figure 2). The last 4 digits in the sample designation represent the sampling depth in inches bgs. For example, sample L10612 was collected from row L, column 1, from 6 to 12 inches bgs (see Table 1).
- All samples were placed in plastic bags and kneaded to mix the soil. The bags were sealed to avoid cross contamination. The sample was then split between H&H and START and placed in appropriate sample jars. Jars were immediately packed in coolers with the proper amount of packing materials and ice. A chain-of-custody form accompanied the samples to Severn Trent Laboratories (STL), where they were analyzed for total mercury and toxicity characteristic leaching procedure (TCLP) mercury.
- Between sampling locations, all sampling equipment was decontaminated by an Alconox wash, tap water rinse, mercury decontamination solution rinse, distilled water rinse, and air drying.
- Any confirmation samples with mercury concentrations above the Resource Recovery and Conservation Act (RCRA) regulatory level of 0.2 milligrams per liter (mg/L) (Title 40 Code of Federal Regulations Part 262 [40 CFR 262]) and Tiered Approach to Clean-Up Objectives (TACO) Tier 1 level of 61 milligrams per kilogram (mg/kg) (Illinois Administrative Code [IAC] Part 742) necessitated further soil removal and additional confirmation testing by H&H.



0 20 40
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SOURCE: MODIFIED FROM FIGURE PROVIDED BY H & H AND NAMED
NIC-HG-JOLIET-2, 2-21-01

NICOR MERCURY SITE
JOLIET, ILLINOIS

FIGURE 2
SITE LAYOUT MAP



Tetra Tech EM Inc.

The following sections discuss the daily oversite activities at the Nicor Mercury site.

3.1 WEDNESDAY, DECEMBER 13, 2000

START mobilized to the Nicor Mercury site. At 0800 START met with H&H representative Lisa Paulson. Ms. Paulson informed START of the situation. The site safety plan was read and signed by START. The backhoe was not delivered to the site, and no samples were collected. H&H and START examined a box of left-over regulators. No regulators containing mercury were found.

3.2 THURSDAY, DECEMBER 14, 2000

START arrived at the Nicor Mercury site at 0745. START met with H&H representative Lisa Paulson to discuss sampling activities. Approximately 12 inches of snow had of accumulated through the night and into the morning. The backhoe arrived at the site at 0930. START and H&H started marking the sampling grid at 1000 (see Figure 2). Soil sampling was conducted from 1045 to 1415. Samples were taken from the following locations: Q40006, N51824, Q00006, Q00006D, P30612, N41824, Q20006, K31218, K50612, L50006, L10612, K40612, P40612, K60006, P20612 and L60006.

3.3 THURSDAY, DECEMBER 21, 2000

START arrived at the Nicor Mercury site at 0745 and met with H&H representative Lisa Paulson to discuss sampling activities. Poor weather conditions, with 4-6 inches accumulated snow over night and -10 degree F temperatures. Dump trucks arrived late at 0930. Permafrost is approximately 2 to 3 feet down. Back hoe had trouble breaking through the soil. Sampling was conducted between 1140 and 1200. Samples were collected from the following locations: K41218 and Q41218.

3.4 THURSDAY, JANUARY 4, 2001

START arrived at the Nicor Mercury site at 0800 and met with H&H representative Lisa Paulson to discuss sampling activities. Sampling was conducted between 0840 to 1135. Samples were collected from the following locations: K90006, Q50006, R40006, J60006, L00006, K00006, N90006, N90006D and N00612.

3.5

WEDNESDAY, JANUARY 10, 2001

START arrived at the Nicor Mercury site at 0800 and met with H&H representative Lisa Paulson to discuss sampling activities. Additional regulators were found on site in a steel drum at 0915. The steel drum contained regulators 12 to 16 inches in diameter and 4 to 6 inches in diameter, but none contained mercury. The permafrost extended 3 to 4 feet bgs, and the backhoe had difficulty breaking up the soil. The smaller bucket on the backhoe snapped off completely at 1100 and the larger bucket was used instead, but with no success. No samples were collected.

3.6

FRIDAY, JANUARY 12, 2001

START arrived at the Nicor Mercury site at 0800 and met with H&H representative Lisa Paulson to discuss sampling activities. Sampling was conducted between 0915 and 1010. Samples were collected from locations J41218, J41218D, and J10612 .

3.7

MONDAY, JANUARY 15, 2001

START arrived at the Nicor Mercury site at 0745 and met with H&H representative Lisa Paulson to discuss sampling activities. Sampling was conducted between 0930 and 1145. Samples were collected from locations I10612, H20612, and H70006.

3.8

TUESDAY, JANUARY 16, 2001

START arrived at the Nicor Mercury site at 0745 and met with H&H representative Lisa Paulson to discuss sampling activities. Sampling was conducted between 0840 and 0945. Samples were collected from locations I41218 and N84248.

4.0 START SOIL SAMPLE ANALYTICAL RESULTS

Analytical results were obtained by START for soil samples collected at the Nicor Mercury site. The samples were analyzed by STL, in University Park, Illinois, under analytical TDD number S05-0012-030. STL analyzed 34 soil samples using U.S. EPA SW-846 Methods 7471A for total mercury analysis, 1311 for TCLP extraction, and 7470A for mercury analysis of the TCLP extract. The validated analytical data package for the 34 soil samples is presented in Appendix B.

None of the samples taken at the site had concentrations exceeding the RCRA regulatory level of 0.2 mg/L (40 CFR 262). Samples from locations Q00006, K40612, and J10612 had total mercury concentrations exceeding the industrial/commercial remediation objective established by IAC Part 742, TACO Tier 1 level of 61 mg/kg. Table 1 summarizes the soil sample analytical data.

5.0 SUMMARY

On December 13, 2000, START mobilized to the Nicor Mercury site at 212 Page Avenue, Joliet, Illinois. Once on site, START performed oversight of Nicor activities, split sampling, and documentation of site activities.

Sampling operations were completed at the Nicor Mercury site on January 16, 2001. A total of 34 split samples were collected by START during the oversight. None of the samples had concentrations exceeding the RCRA regulatory level of 0.2 mg/L (40 CFR 262). Samples from locations Q00006, K40612, and J10612 had total mercury concentrations exceeding the industrial/commercial TACO Tier 1 level of 61 mg/kg.

Additional confirmation samples were taken by H&H. This necessitated further soil removal and additional confirmation testing for each location. During the second round of confirmation sampling, no analytical results exceeded the TACO Tier 1 level.

START does not anticipate any further activities regarding the Nicor Mercury Site under this TDD.

TABLE 1
SOIL SAMPLING RESULTS

Date	Sampling Location	Total Mercury (mg/kg)	TCLP Mercury (μ g/L)
12/14/2000	N51824	8.80	2.00
12/14/2000	L10612	3.00	2.00
12/14/2000	N41824	1.10	2.00
12/14/2000	Q20006	14.40	2.00
12/14/2000	Q40006	65.20	2.00
12/14/2000	Q00006	7.80	2.00
12/14/2000	Q00006D	10.40	2.00
12/14/2000	K50612	8.20	2.00
12/14/2000	P20612	4.00	2.00
12/14/2000	L50006	12.70	2.00
12/14/2000	K31218	19.60	2.00
12/14/2000	K40612	71.50	2.00
12/14/2000	P30612	2.60	2.00
12/14/2000	P40612	3.10	2.00
12/14/2000	K60006	48.20	2.00
12/14/2000	L60006	36.00	2.00
12/21/2000	K41218	9.50	2.00
12/21/2000	Q41218	0.93	2.00
1/04/2001	K90006	0.04	2.00
1/04/2001	N90006	41.40	2.00
1/04/2001	N90006D	30.10	2.00
1/04/2001	Q50006	0.03	2.00
1/04/2001	R40006	58.40	2.00
1/04/2001	J60006	36.50	6.90
1/04/2001	L00006	8.60	2.00
1/04/2001	K00006	7.90	2.00
1/04/2001	N00612	57.30	2.00
1/12/2001	J41218	52.50	2.00
1/12/2001	J41218D	58.20	2.00
1/12/2001	J10612	165.00	2.00
1/15/2001	I10612	12.80	2.00
1/15/2001	H20612	33.50	2.00
1/15/2001	H70006	21.80	2.00
1/16/2001	I41218	13.60	2.00
1/16/2001	N84248	2.70	2.00

Notes:

mg/kg = Milligram per kilogram

μ g/L = Micrograms per liter

Total mercury concentrations exceeded the TACO Tier 1 level are highlighted.

APPENDIX A
LIST OF WITNESSES
(One Page)

LIST OF WITNESSES

Steve Faryan, On-Scene Coordinator
U.S. Environmental Protection Agency Region 5
Emergency Response Branch
77 West Jackson Boulevard
Chicago, IL 60604
(312) 353-9351

Brandt Brown, START Project Manager
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200 East Randolph Drive
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Chicago, IL 60601
(312) 946-6495

Lisa Paulson
Huff and Huff, Incorporated
512 West Burlington Avenue
Suite 100
LaGrange, IL 60525
(708) 579-5972

APPENDIX B
VALIDATED ANALYTICAL DATA PACKAGE
(Seventy-One Pages)



Tetra Tech EM Inc.

200 E. Randolph Drive, Suite 4700 ◆ Chicago, IL 60601 ◆ (312) 856-8700 ◆ FAX (312) 938-0118

MEMORANDUM

Date: 26 Feb 01

To: Brandt Brown, Project Manager, Tetra Tech EM Inc. (Tetra Tech) for Superfund Technical Assessment and Response Team (START) for Region 5

From: Lisa Graczyk, Chemist, Tetra Tech START for Region 5

Subject: Data Validation for
Nicor Mercury
Joliet, Illinois
Analytical Technical Direction Document (TDD) No. S05-0012-030
Project TDD No. S05-0012-018

Laboratory: Severn Trent Laboratories (STL), University Park, Illinois
Work Order Nos. 201393, 201467, 201517, 201602, and 201647
Total Mercury and Toxicity Characteristic Leaching Procedure (TCLP) Mercury Analysis
of 34 Soil Samples

1.0 INTRODUCTION

The Tetra Tech START for Region 5 validated total mercury and TCLP mercury analytical data for 34 soil samples collected from 14 Dec 00 through 16 Jan 01, during a potentially responsible party (PRP) removal cleanup oversight of the Nicor Mercury site in Joliet, Illinois. The samples were analyzed under Work Order Nos. 201393, 201467, 201517, 201602, and 201647 by STL in University Park, Illinois, using U.S. Environmental Protection Agency (EPA) SW-846 Methods 7471A for total mercury analysis, 1311 for TCLP extraction, and 7470A for mercury analysis of the TCLP extract.

The data were validated in general accordance with the U.S. Environmental Protection Agency "Contract Laboratory Program National Functional Guidelines for Inorganic Data Review" (NFG) dated Feb 94. Data validation consisted of a review of the following quality control (QC) parameters: holding times, initial and continuing calibrations, blank results, laboratory control sample (LCS) results, and analyte

Data Validation for
Nicor Mercury
Analytical TDD No. S05-0012-030
Project TDD No. S05-0012-018
Page 2

quantitation.

Section 2.0 discusses the results of the data validation, and Section 3.0 presents an overall assessment of the data. The attachment contains STL's summary of the sample analytical results along with START's handwritten data qualifications.

2.0 DATA VALIDATION RESULTS

The results of START's data validation are summarized below in terms of the QC parameters reviewed.

2.1 HOLDING TIMES

All samples were analyzed within the 28-day holding time limit for mercury.

2.2 INITIAL AND CONTINUING CALIBRATIONS

The mercury recoveries during the initial and continuing calibrations were within the QC limits of 80 to 120 percent.

2.3 BLANK RESULTS

Initial calibration blanks, continuing calibration blanks, and preparation blanks were run with each analytical batch and analyzed in the proper sequence. No target analytes were found in any of the blanks.

2.4 LCS RESULTS

A LCS was analyzed with each analytical batch. All LCS results were within QC limits of 80 to 120 percent recovery.

Data Validation for
Nicor Mercury
Analytical TDD No. S05-0012-030
Project TDD No. S05-0012-018
Page 3

2.5 ANALYTE QUANTITATION

When STL submitted the initial non-validated results to Tetra Tech, the analyte quantitation was incorrect for total mercury in samples J41218, J41218D, J10612, L00006, N00612, N90006, K00006, Q50006, R40006, J60006, and N90006D. STL realized the mistake approximately 2 weeks later when performing an internal review of the data and submitted corrected results to Tetra Tech. Review of the environmental sample results, QC sample results, and raw data revealed that analyte compound quantitation was internally consistent and appropriately calculated in the final data package.

3.0 OVERALL ASSESSMENT OF DATA

The overall quality of the data package generated by STL is acceptable.

ATTACHMENT

STL SUMMARY OF SAMPLE ANALYTICAL RESULTS

(68 Pages)

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Q40006

Lab Name: STL_CHICAGO _____ Contract: _____

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201393

Matrix (soil/water): SOIL _____ Lab Sample ID: 201393-001

Level (low/med): LOW _____ Date Received: 12/18/00

% Solids: 98.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	65.2	-		CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR
	Cyanide		-		NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

N51824

Lab Name: STL_CHICAGO _____ Contract: _____

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201393

Matrix (soil/water): SOIL _____ Lab Sample ID: 201393-002

Level (low/med): LOW _____ Date Received: 12/18/00

% Solids: 87.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	8.8	-		CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR
	Cyanide		-		NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

QD0006

Lab Name: STL_CHICAGO Contract:

Lab Code: STL Case No.: SAS No.: SDG No.: 201393

Matrix (soil/water): SOIL Lab Sample ID: 201393-003

Level (low/med): LOW Date Received: 12/18/00

% Solids: 79.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	10.4			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Q00006

Lab Name: STL_CHICAGO _____ Contract: _____

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201393

Matrix (soil/water): SOIL _____ Lab Sample ID: 201393-004

Level (low/med): LOW _____ Date Received: 12/18/00

% Solids: 82.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	7.8	-		CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR
	Cyanide		-		NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Lab Name: STL_CHICAGO _____

Contract: _____

P30612

Lab Code: STL _____

Case No.: _____

SAS No.: _____

SDG No.: 201393

Matrix (soil/water): SOIL _____

Lab Sample ID: 201393-005

Level (low/med): LOW _____

Date Received: 12/18/00

% Solids: 90.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	2.6	-		CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR
	Cyanide		-		NR

Color Before: _____

Clarity Before: _____

Texture: _____

Color After: _____

Clarity After: _____

Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

N41824

Lab Name: STL_CHICAGO _____ Contract: _____

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201393

Matrix (soil/water): SOIL_ Lab Sample ID: 201393-006

Level (low/med): LOW_ Date Received: 12/18/00

% Solids: _84.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	1.1			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Q20006

Lab Name: STL_CHICAGO _____ Contract: _____

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201393

Matrix (soil/water): SOIL _____ Lab Sample ID: 201393-007

Level (low/med): LOW _____ Date Received: 12/18/00

% Solids: 98.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	14.4	-		CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR
	Cyanide		-		NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Lab Name: STL_CHICAGO _____ Contract: _____

K60006

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201393

Matrix (soil/water): SOIL _____ Lab Sample ID: 201393-008

Level (low/med): LOW _____ Date Received: 12/18/00

% Solids: 75.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	48.2	-		CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR
	Cyanide		-		NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Lab Name: STL_CHICAGO _____ Contract: _____

K31218

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201393

Matrix (soil/water): SOIL_ Lab Sample ID: 201393-009

Level (low/med): LOW_ Date Received: 12/18/00

% Solids: _86.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-	-	NR
7440-36-0	Antimony		-	-	NR
7440-38-2	Arsenic		-	-	NR
7440-39-3	Barium		-	-	NR
7440-41-7	Beryllium		-	-	NR
7440-43-9	Cadmium		-	-	NR
7440-70-2	Calcium		-	-	NR
7440-47-3	Chromium		-	-	NR
7440-48-4	Cobalt		-	-	NR
7440-50-8	Copper		-	-	NR
7439-89-6	Iron		-	-	NR
7439-92-1	Lead		-	-	NR
7439-95-4	Magnesium		-	-	NR
7439-96-5	Manganese		-	-	NR
7439-97-6	Mercury	19.6	-	-	CV
7440-02-0	Nickel		-	-	NR
7440-09-7	Potassium		-	-	NR
7782-49-2	Selenium		-	-	NR
7440-22-4	Silver		-	-	NR
7440-23-5	Sodium		-	-	NR
7440-28-0	Thallium		-	-	NR
7440-62-2	Vanadium		-	-	NR
7440-66-6	Zinc		-	-	NR
	Cyanide		-	-	NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

P40612

Lab Name: STL_CHICAGO _____ Contract: _____

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201393

Matrix (soil/water): SOIL _____ Lab Sample ID: 201393-010

Level (low/med): LOW _____ Date Received: 12/18/00

% Solids: _____ 88.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	_____	—	—	NR
7440-36-0	Antimony	_____	—	—	NR
7440-38-2	Arsenic	_____	—	—	NR
7440-39-3	Barium	_____	—	—	NR
7440-41-7	Beryllium	_____	—	—	NR
7440-43-9	Cadmium	_____	—	—	NR
7440-70-2	Calcium	_____	—	—	NR
7440-47-3	Chromium	_____	—	—	NR
7440-48-4	Cobalt	_____	—	—	NR
7440-50-8	Copper	_____	—	—	NR
7439-89-6	Iron	_____	—	—	NR
7439-92-1	Lead	_____	—	—	NR
7439-95-4	Magnesium	_____	—	—	NR
7439-96-5	Manganese	_____	—	—	NR
7439-97-6	Mercury	3.1	—	—	CV
7440-02-0	Nickel	_____	—	—	NR
7440-09-7	Potassium	_____	—	—	NR
7782-49-2	Selenium	_____	—	—	NR
7440-22-4	Silver	_____	—	—	NR
7440-23-5	Sodium	_____	—	—	NR
7440-28-0	Thallium	_____	—	—	NR
7440-62-2	Vanadium	_____	—	—	NR
7440-66-6	Zinc	_____	—	—	NR
	Cyanide	_____	—	—	NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

K50612

Lab Name: STL_CHICAGO _____ Contract: _____

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201393

Matrix (soil/water): SOIL _____ Lab Sample ID: 201393-011

Level (low/med): LOW _____ Date Received: 12/18/00

% Solids: 89.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	8.2	-		CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR
	Cyanide		-		NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Lab Name: STL_CHICAGO _____

Contract: _____

L50006

Lab Code: STL _____

Case No.: _____

SAS No.: _____

SDG No.: 201393

Matrix (soil/water): SOIL _____

Lab Sample ID: 201393-012

Level (low/med): LOW _____

Date Received: 12/18/00

% Solids: 93.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	12.7	-		CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR
	Cyanide		-		NR

Color Before: _____

Clarity Before: _____

Texture: _____

Color After: _____

Clarity After: _____

Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Lab Name: STL_CHICAGO_____

Contract: _____

L10612

Lab Code: STL_____

Case No.: _____

SAS No.: _____

SDG No.: 201393

Matrix (soil/water): SOIL_____

Lab Sample ID: 201393-013

Level (low/med): LOW_____

Date Received: 12/18/00

% Solids: 76.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	3.0			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: _____

Clarity Before: _____

Texture: _____

Color After: _____

Clarity After: _____

Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Lab Name: STL_CHICAGO _____ Contract: _____

K40612

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201393

Matrix (soil/water): SOIL _____ Lab Sample ID: 201393-014

Level (low/med): LOW _____ Date Received: 12/18/00

% Solids: 89.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	71.5			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Lab Name: STL_CHICAGO _____ Contract: _____ L60006

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201393

Matrix (soil/water): SOIL_ Lab Sample ID: 201393-015

Level (low/med): LOW_ Date Received: 12/18/00

% Solids: _78.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	36.0	-		CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR
	Cyanide		-		NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Lab Name: STL_CHICAGO_____

Contract: _____

P20612

Lab Code: STL_____

Case No.: _____

SAS No.: _____

SDG No.: 201393

Matrix (soil/water): SOIL_____

Lab Sample ID: 201393-016

Level (low/med): LOW_____

Date Received: 12/18/00

% Solids: 85.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	_____	—	—	NR
7440-36-0	Antimony	_____	—	—	NR
7440-38-2	Arsenic	_____	—	—	NR
7440-39-3	Barium	_____	—	—	NR
7440-41-7	Beryllium	_____	—	—	NR
7440-43-9	Cadmium	_____	—	—	NR
7440-70-2	Calcium	_____	—	—	NR
7440-47-3	Chromium	_____	—	—	NR
7440-48-4	Cobalt	_____	—	—	NR
7440-50-8	Copper	_____	—	—	NR
7439-89-6	Iron	_____	—	—	NR
7439-92-1	Lead	_____	—	—	NR
7439-95-4	Magnesium	_____	—	—	NR
7439-96-5	Manganese	_____	—	—	NR
7439-97-6	Mercury	4.0	—	—	CV
7440-02-0	Nickel	_____	—	—	NR
7440-09-7	Potassium	_____	—	—	NR
7782-49-2	Selenium	_____	—	—	NR
7440-22-4	Silver	_____	—	—	NR
7440-23-5	Sodium	_____	—	—	NR
7440-28-0	Thallium	_____	—	—	NR
7440-62-2	Vanadium	_____	—	—	NR
7440-66-6	Zinc	_____	—	—	NR
_____	Cyanide	_____	—	—	NR

Color Before: _____

Clarity Before: _____

Texture: _____

Color After: _____

Clarity After: _____

Artifacts: _____

Comments:

TCLP

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Lab Name: STL_CHICAGO _____ Contract: _____

Q40006

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201393

Matrix (soil/water): WATER Lab Sample ID: 201393-001

Level (low/med): LOW _____ Date Received: 01/17/01

% Solids: _____.0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L _____

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	_____	-	_____	NR
7440-36-0	Antimony	_____	-	_____	NR
7440-38-2	Arsenic	_____	-	_____	NR
7440-39-3	Barium	_____	-	_____	NR
7440-41-7	Beryllium	_____	-	_____	NR
7440-43-9	Cadmium	_____	-	_____	NR
7440-70-2	Calcium	_____	-	_____	NR
7440-47-3	Chromium	_____	-	_____	NR
7440-48-4	Cobalt	_____	-	_____	NR
7440-50-8	Copper	_____	-	_____	NR
7439-89-6	Iron	_____	-	_____	NR
7439-92-1	Lead	_____	-	_____	NR
7439-95-4	Magnesium	_____	-	_____	NR
7439-96-5	Manganese	_____	-	_____	NR
7439-97-6	Mercury	2.0	U	N	CV
7440-02-0	Nickel	_____	-	_____	NR
7440-09-7	Potassium	_____	-	_____	NR
7782-49-2	Selenium	_____	-	_____	NR
7440-22-4	Silver	_____	-	_____	NR
7440-23-5	Sodium	_____	-	_____	NR
7440-28-0	Thallium	_____	-	_____	NR
7440-62-2	Vanadium	_____	-	_____	NR
7440-66-6	Zinc	_____	-	_____	NR
_____	_____	_____	-	_____	_____
_____	_____	_____	-	_____	_____

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

TCLP

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

N51824

Lab Name: STL_CHICAGO

Contract:

Lab Code: STL

Case No.:

SAS No.:

SDG No.: 201393

Matrix (soil/water): WATER

Lab Sample ID: 201393-002

Level (low/med): LOW

Date Received: 01/17/01

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	2.0	U	N	CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR

Color Before:

Clarity Before:

Texture:

Color After:

Clarity After:

Artifacts:

Comments:

TCLP

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Lab Name: STL_CHICAGO _____ Contract: _____

QD0006

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201393

Matrix (soil/water): WATER Lab Sample ID: 201393-003

Level (low/med): LOW _____ Date Received: 01/17/01

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-	-	NR
7440-36-0	Antimony		-	-	NR
7440-38-2	Arsenic		-	-	NR
7440-39-3	Barium		-	-	NR
7440-41-7	Beryllium		-	-	NR
7440-43-9	Cadmium		-	-	NR
7440-70-2	Calcium		-	-	NR
7440-47-3	Chromium		-	-	NR
7440-48-4	Cobalt		-	-	NR
7440-50-8	Copper		-	-	NR
7439-89-6	Iron		-	-	NR
7439-92-1	Lead		-	-	NR
7439-95-4	Magnesium		-	-	NR
7439-96-5	Manganese		-	-	NR
7439-97-6	Mercury	2.0	U	N	CV
7440-02-0	Nickel		-	-	NR
7440-09-7	Potassium		-	-	NR
7782-49-2	Selenium		-	-	NR
7440-22-4	Silver		-	-	NR
7440-23-5	Sodium		-	-	NR
7440-28-0	Thallium		-	-	NR
7440-62-2	Vanadium		-	-	NR
7440-66-6	Zinc		-	-	NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

TCLP

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Q00006

Lab Name: STL_CHICAGO _____ Contract: _____

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201393

Matrix (soil/water): WATER Lab Sample ID: 201393-004

Level (low/med): LOW Date Received: 01/17/01

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	2.0	U	N	CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

TCLP

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

P30612

Lab Name: STL CHICAGO Contract:

Lab Code: STL Case No.: SAS No.: SDG No.: 201393

Matrix (soil/water): WATER Lab Sample ID: 201393-005

Level (low/med): LOW Date Received: 01/17/01

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	2.0	U	N	CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

TCLP

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

N41824

Lab Name: STL_CHICAGO Contract:

Lab Code: STL Case No.: SAS No.: SDG No.: 201393

Matrix (soil/water): WATER Lab Sample ID: 201393-006

Level (low/med): LOW Date Received: 01/17/01

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	2.0	U	N	CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

TCLP

U.S. EPA - CLP

INORGANIC ANALYSES DATA SHEET

INORGANIC ANALYSIS

EPA SAMPLE NO.

Lab Name: STL CHICAGO

Contract:

Q20006

Lab Code: STL

Case No. :

SAS No.:

SDG No.: 201393

Matrix (soil/water): WATER

Lab Sample ID: 201393-007

Level (low/med) : LOW

Date Received: 01/17/01

% Solids: 0.0

Concentration

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	2.0	U	N	CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR

Color Before:

Clarity Before:

Texture:

Color After:

Clarity After:

Artifacts:

Comments:

TCLP

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

K60006

Lab Name: STL_CHICAGO Contract:

Lab Code: STL Case No.: SAS No.: SDG No.: 201393

Matrix (soil/water): WATER Lab Sample ID: 201393-008

Level (low/med): LOW Date Received: 01/17/01

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	2.0	U	N	CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

TCLP

U.S. EPA - CLP

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Lab Name: STL CHICAGO

Contract:

K31218

Lab Code: STL

Case No.:

SAS No.:

SDG No.: 201393

Matrix (soil/water): WATER

Lab Sample ID: 201393-009

Level (low/med) : LOW

Date Received: 01/17/01

% Solids: 0.0

Date Received: 01/17/01

Concentration

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	2.0	U	N	CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR

Color Before:

Clarity Before:

Texture:

Color After:

Clarity After:

Artifacts:

Comments:

TCLP

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

P40612

Lab Name: STL_CHICAGO Contract:

Lab Code: STL Case No.: SAS No.: SDG No.: 201393

Matrix (soil/water): WATER Lab Sample ID: 201393-010

Level (low/med): LOW Date Received: 01/17/01

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	2.0	U	N	CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

TCLP

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

K50612

Lab Name: STL_CHICAGO _____ Contract: _____

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201393

Matrix (soil/water): WATER Lab Sample ID: 201393-011

Level (low/med): LOW _____ Date Received: 01/17/01

% Solids: _____ 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L _____

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	_____	-	_____	NR
7440-36-0	Antimony	_____	-	_____	NR
7440-38-2	Arsenic	_____	-	_____	NR
7440-39-3	Barium	_____	-	_____	NR
7440-41-7	Beryllium	_____	-	_____	NR
7440-43-9	Cadmium	_____	-	_____	NR
7440-70-2	Calcium	_____	-	_____	NR
7440-47-3	Chromium	_____	-	_____	NR
7440-48-4	Cobalt	_____	-	_____	NR
7440-50-8	Copper	_____	-	_____	NR
7439-89-6	Iron	_____	-	_____	NR
7439-92-1	Lead	_____	-	_____	NR
7439-95-4	Magnesium	_____	-	_____	NR
7439-96-5	Manganese	_____	-	_____	NR
7439-97-6	Mercury	2.0	U	N	CV
7440-02-0	Nickel	_____	-	_____	NR
7440-09-7	Potassium	_____	-	_____	NR
7782-49-2	Selenium	_____	-	_____	NR
7440-22-4	Silver	_____	-	_____	NR
7440-23-5	Sodium	_____	-	_____	NR
7440-28-0	Thallium	_____	-	_____	NR
7440-62-2	Vanadium	_____	-	_____	NR
7440-66-6	Zinc	_____	-	_____	NR
_____	_____	_____	-	_____	_____
_____	_____	_____	-	_____	_____

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

TCLP

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Lab Name: STL_CHICAGO _____ Contract: _____

L50006

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201393

Matrix (soil/water): WATER Lab Sample ID: 201393-012

Level (low/med): LOW _____ Date Received: 01/17/01

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	2.0	U	N	CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR
_____	_____	_____	_____	_____	_____

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

TCLP

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Lab Name: STL CHICAGO

Contract:

L10612

Lab Code: STL

Case No. :

SAS No.:

SDG No.: 201393

Matrix (soil/water): WATER

Lab Sample ID: 201393-013

Level (low/med) : LOW

Date Received: 01/17/01

% Solids: 0.0

Date Received: 01/17/01

Concentration

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	2.0	U	N	CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR
			-		
			-		
			-		

Color Before:

Clarity Before:

Texture: _____

Color After:

Clarity After:

Artifacts:

Comments:

TCLP

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

K40612

Lab Name: STL_CHICAGO _____ Contract: _____

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201393

Matrix (soil/water): WATER Lab Sample ID: 201393-014

Level (low/med): LOW Date Received: 01/17/01

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	2.0	U	N	CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

TCLP

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

L60006

Lab Name: STL_CHICAGO Contract:

Lab Code: STL Case No.: SAS No.: SDG No.: 201393

Matrix (soil/water): WATER Lab Sample ID: 201393-015

Level (low/med): LOW Date Received: 01/17/01

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	2.0	U	N	CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

TCLP

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

P20612

Lab Name: STL_CHICAGO Contract:

Lab Code: STL Case No.: SAS No.: SDG No.: 201393

Matrix (soil/water): WATER Lab Sample ID: 201393-016

Level (low/med): LOW Date Received: 01/17/01

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	2.0	U	N	CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Lab Name: STL_CHICAGO

Contract:

Q41218

Lab Code: STL

Case No.:

SAS No.:

SDG No.: 201467

Matrix (soil/water): SOIL

Lab Sample ID: 201467-001

Level (low/med): LOW

Date Received: 12/27/00

% Solids: 90.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	0.93	-		CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR
	Cyanide		-		NR

Color Before:

Clarity Before:

Texture:

Color After:

Clarity After:

Artifacts:

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

K41218

Lab Name: STL_CHICAGO Contract:

Lab Code: STL Case No.: SAS No.: SDG No.: 201467

Matrix (soil/water): SOIL Lab Sample ID: 201467-002

Level (low/med): LOW Date Received: 12/27/00

% Solids: 86.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	9.5	-		CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR
	Cyanide		-		NR

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

TCLP

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Q41218

Lab Name: STL_CHICAGO _____ Contract: _____

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201467

Matrix (soil/water): WATER Lab Sample ID: 201467-001

Level (low/med): LOW Date Received: 01/23/01

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	2.0	U		CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
5955-70-0	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

TCLP

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

K41218

Lab Name: STL_CHICAGO Contract: _____

Lab Code: STL Case No.: _____ SAS No.: _____ SDG No.: 201467

Matrix (soil/water): WATER Lab Sample ID: 201467-002

Level (low/med): LOW Date Received: 01/23/01

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium				NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	2.0	U		CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR
5955-70-0	Cyanide		-		NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

L00006

Lab Name: STL_CHICAGO Contract:

Lab Code: STL Case No.: SAS No.: SDG No.: 201507

Matrix (soil/water): SOIL Lab Sample ID: 201517-001

Level (low/med): LOW Date Received: 01/06/01

% Solids: 92.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	8.6	-		CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR
	Cyanide		-		NR

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

N00612

Lab Name: STL_CHICAGO Contract: _____

Lab Code: STL Case No.: _____ SAS No.: _____ SDG No.: 201507

Matrix (soil/water): SOIL Lab Sample ID: 201517-002

Level (low/med): LOW Date Received: 01/06/01

% Solids: 83.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	_____	-	NR	
7440-36-0	Antimony	_____	-	NR	
7440-38-2	Arsenic	_____	-	NR	
7440-39-3	Barium	_____	-	NR	
7440-41-7	Beryllium	_____	-	NR	
7440-43-9	Cadmium	_____	-	NR	
7440-70-2	Calcium	_____	-	NR	
7440-47-3	Chromium	_____	-	NR	
7440-48-4	Cobalt	_____	-	NR	
7440-50-8	Copper	_____	-	NR	
7439-89-6	Iron	_____	-	NR	
7439-92-1	Lead	_____	-	NR	
7439-95-4	Magnesium	_____	-	NR	
7439-96-5	Manganese	_____	-	NR	
7439-97-6	Mercury	57.3	-	CV	
7440-02-0	Nickel	_____	-	NR	
7440-09-7	Potassium	_____	-	NR	
7782-49-2	Selenium	_____	-	NR	
7440-22-4	Silver	_____	-	NR	
7440-23-5	Sodium	_____	-	NR	
7440-28-0	Thallium	_____	-	NR	
7440-62-2	Vanadium	_____	-	NR	
7440-66-6	Zinc	_____	-	NR	
	Cyanide	_____	-	NR	

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

N90006

Lab Name: STL_CHICAGO Contract:

Lab Code: STL Case No.: SAS No.: SDG No.: 201507

Matrix (soil/water): SOIL Lab Sample ID: 201517-003

Level (low/med): LOW Date Received: 01/06/01

% Solids: 79.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	41.4			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

K00006

Lab Name: STL_CHICAGO Contract:

Lab Code: STL Case No.: SAS No.: SDG No.: 201507

Matrix (soil/water): SOIL Lab Sample ID: 201517-004

Level (low/med): LOW Date Received: 01/06/01

% Solids: 84.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-	-	NR
7440-36-0	Antimony		-	-	NR
7440-38-2	Arsenic		-	-	NR
7440-39-3	Barium		-	-	NR
7440-41-7	Beryllium		-	-	NR
7440-43-9	Cadmium		-	-	NR
7440-70-2	Calcium		-	-	NR
7440-47-3	Chromium		-	-	NR
7440-48-4	Cobalt		-	-	NR
7440-50-8	Copper		-	-	NR
7439-89-6	Iron		-	-	NR
7439-92-1	Lead		-	-	NR
7439-95-4	Magnesium		-	-	NR
7439-96-5	Manganese		-	-	NR
7439-97-6	Mercury	7.9	-	-	CV
7440-02-0	Nickel		-	-	NR
7440-09-7	Potassium		-	-	NR
7782-49-2	Selenium		-	-	NR
7440-22-4	Silver		-	-	NR
7440-23-5	Sodium		-	-	NR
7440-28-0	Thallium		-	-	NR
7440-62-2	Vanadium		-	-	NR
7440-66-6	Zinc		-	-	NR
	Cyanide		-	-	NR

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Lab Name: STL_CHICAGO Contract: _____

Q50006

Lab Code: STL Case No.: SAS No.: SDG No.: 201507

Matrix (soil/water): SOIL Lab Sample ID: 201517-005

Level (low/med): LOW Date Received: 01/06/01

% Solids: 91.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-	-	NR
7440-36-0	Antimony		-	-	NR
7440-38-2	Arsenic		-	-	NR
7440-39-3	Barium		-	-	NR
7440-41-7	Beryllium		-	-	NR
7440-43-9	Cadmium		-	-	NR
7440-70-2	Calcium		-	-	NR
7440-47-3	Chromium		-	-	NR
7440-48-4	Cobalt		-	-	NR
7440-50-8	Copper		-	-	NR
7439-89-6	Iron		-	-	NR
7439-92-1	Lead		-	-	NR
7439-95-4	Magnesium		-	-	NR
7439-96-5	Manganese		-	-	NR
7439-97-6	Mercury	10.6	-	-	CV
7440-02-0	Nickel		-	-	NR
7440-09-7	Potassium		-	-	NR
7782-49-2	Selenium		-	-	NR
7440-22-4	Silver		-	-	NR
7440-23-5	Sodium		-	-	NR
7440-28-0	Thallium		-	-	NR
7440-62-2	Vanadium		-	-	NR
7440-66-6	Zinc		-	-	NR
	Cyanide		-	-	NR

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Lab Name: STL_CHICAGO Contract: _____

R40006

Lab Code: STL Case No.: _____ SAS No.: _____ SDG No.: 201507

Matrix (soil/water): SOIL Lab Sample ID: 201517-006

Level (low/med): LOW Date Received: 01/06/01

% Solids: 80.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-	-	NR
7440-36-0	Antimony		-	-	NR
7440-38-2	Arsenic		-	-	NR
7440-39-3	Barium		-	-	NR
7440-41-7	Beryllium		-	-	NR
7440-43-9	Cadmium		-	-	NR
7440-70-2	Calcium		-	-	NR
7440-47-3	Chromium		-	-	NR
7440-48-4	Cobalt		-	-	NR
7440-50-8	Copper		-	-	NR
7439-89-6	Iron		-	-	NR
7439-92-1	Lead		-	-	NR
7439-95-4	Magnesium		-	-	NR
7439-96-5	Manganese		-	-	NR
7439-97-6	Mercury	58.4	-	-	CV
7440-02-0	Nickel		-	-	NR
7440-09-7	Potassium		-	-	NR
7782-49-2	Selenium		-	-	NR
7440-22-4	Silver		-	-	NR
7440-23-5	Sodium		-	-	NR
7440-28-0	Thallium		-	-	NR
7440-62-2	Vanadium		-	-	NR
7440-66-6	Zinc		-	-	NR
	Cyanide		-	-	NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Lab Name: STL_CHICAGO

Contract:

J60006

Lab Code: STL

Case No.:

SAS No.:

SDG No.: 201507

Matrix (soil/water): SOIL

Lab Sample ID: 201517-007

Level (low/med): LOW

Date Received: 01/06/01

% Solids: 85.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	36.5	-		CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR
	Cyanide		-		NR

Color Before:

Clarity Before:

Texture:

Color After:

Clarity After:

Artifacts:

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Lab Name: STL_CHICAGO _____ Contract: _____

N9006D

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201507

Matrix (soil/water): SOIL_ Lab Sample ID: 201517-008

Level (low/med): LOW_ Date Received: 01/06/01

% Solids: _83.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	30.1	-		CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR
	Cyanide		-		NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

TCLP

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

L00006

Lab Name: STL_CHICAGO Contract:

Lab Code: STL Case No.: SAS No.: SDG No.: 201517

Matrix (soil/water): WATER Lab Sample ID: 201517-001

Level (low/med): LOW Date Received: 01/06/01

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7440-66-6	Zinc		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	2.0	U		CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
5955-70-0	Cyanide		-		NR

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

TCLP

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

N00612

Lab Name: STL_CHICAGO Contract:

Lab Code: STL Case No.: SAS No.: SDG No.: 201517

Matrix (soil/water): WATER Lab Sample ID: 201517-002

Level (low/med): LOW Date Received: 01/06/01

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7440-66-6	Zinc		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	2.0	U		CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
5955-70-0	Cyanide		-		NR

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

TCLP

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

N90006

Lab Name: STL_CHICAGO _____ Contract: _____

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201517

Matrix (soil/water): WATER Lab Sample ID: 201517-003

Level (low/med): LOW Date Received: 01/06/01

% Solids: ____ 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7440-66-6	Zinc				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	2.0	U		CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
5955-70-0	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

TCLP

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

K00006

Lab Name: STL_CHICAGO Contract: _____

Lab Code: STL Case No.: _____ SAS No.: _____ SDG No.: 201517

Matrix (soil/water): WATER Lab Sample ID: 201517-004

Level (low/med): LOW Date Received: 01/06/01

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7440-66-6	Zinc		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	2.0	U		CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
5955-70-0	Cyanide		-		NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

TCLP

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Q50006

Lab Name: STL_CHICAGO Contract: _____

Lab Code: STL Case No.: SAS No.: SDG No.: 201517

Matrix (soil/water): WATER Lab Sample ID: 201517-005

Level (low/med): LOW Date Received: 01/06/01

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7440-66-6	Zinc		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	2.0	U		CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
5955-70-0	Cyanide		-		NR

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

TCLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

R40006

Lab Name: STL_CHICAGO _____ Contract: _____

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201517

Matrix (soil/water): WATER Lab Sample ID: 201517-006

Level (low/med): LOW _____ Date Received: 01/06/01

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7440-66-6	Zinc		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	2.0	U		CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
5955-70-0	Cyanide		-		NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

TCLP

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

J60006

Lab Name: STL_CHICAGO _____ Contract: _____

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201517

Matrix (soil/water): WATER Lab Sample ID: 201517-007

Level (low/med): LOW Date Received: 01/06/01

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7440-66-6	Zinc				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	2.0	U		CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
5955-70-0	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

TCLP

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Lab Name: STL_CHICAGO _____ Contract: _____

N9006D

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201517

Matrix (soil/water): WATER Lab Sample ID: 201517-008

Level (low/med): LOW _____ Date Received: 01/06/01

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7440-66-6	Zinc		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	2.0	U		CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
5955-70-0	Cyanide		-		NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:
N90006D _____

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

J41218

Lab Name: STL_CHICAGO Contract:

Lab Code: STL Case No.: SAS No.: SDG No.: 201602

Matrix (soil/water): SOIL Lab Sample ID: 201602-001

Level (low/med): LOW Date Received: 01/13/01

% Solids: 80.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-	-	NR
7440-36-0	Antimony		-	-	NR
7440-38-2	Arsenic		-	-	NR
7440-39-3	Barium		-	-	NR
7440-41-7	Beryllium		-	-	NR
7440-43-9	Cadmium		-	-	NR
7440-70-2	Calcium		-	-	NR
7440-47-3	Chromium		-	-	NR
7440-48-4	Cobalt		-	-	NR
7440-50-8	Copper		-	-	NR
7439-89-6	Iron		-	-	NR
7439-92-1	Lead		-	-	NR
7439-95-4	Magnesium		-	-	NR
7439-96-5	Manganese		-	-	NR
7439-97-6	Mercury	52.5	-	-	CV
7440-02-0	Nickel		-	-	NR
7440-09-7	Potassium		-	-	NR
7782-49-2	Selenium		-	-	NR
7440-22-4	Silver		-	-	NR
7440-23-5	Sodium		-	-	NR
7440-28-0	Thallium		-	-	NR
7440-62-2	Vanadium		-	-	NR
7440-66-6	Zinc		-	-	NR
	Cyanide		-	-	NR

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

41218D

Lab Name: STL_CHICAGO _____ Contract: _____

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201602

Matrix (soil/water): SOIL_ Lab Sample ID: 201602-002

Level (low/med): LOW_ Date Received: 01/13/01

% Solids: _80.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	58.2	-		CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR
	Cyanide		-		NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:
J41218D _____

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

J10612

Lab Name: STL_CHICAGO Contract:

Lab Code: STL Case No.: SAS No.: SDG No.: 201602

Matrix (soil/water): SOIL Lab Sample ID: 201602-003

Level (low/med): LOW Date Received: 01/13/01

% Solids: 69.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	165	-		CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR
	Cyanide		-		NR

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

TCLP

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

J41218

Lab Name: STL_CHICAGO _____ Contract: _____

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201602

Matrix (soil/water): WATER Lab Sample ID: 201602-001

Level (low/med): LOW Date Received: 01/31/01

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	2.0	U	N	CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR
5955-70-0	Cyanide		-		NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

TCLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Lab Name: STL_CHICAGO Contract: _____

41218D

Lab Code: STL Case No.: SAS No.: SDG No.: 201602

Matrix (soil/water): WATER Lab Sample ID: 201602-002

Level (low/med): LOW Date Received: 01/31/01

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	2.0	U	N	CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR
5955-70-0	Cyanide		-		NR

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

J41218D

TCLP

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

J10612

Lab Name: STL_CHICAGO Contract: _____

Lab Code: STL Case No.: _____ SAS No.: _____ SDG No.: 201602

Matrix (soil/water): WATER Lab Sample ID: 201602-003

Level (low/med): LOW Date Received: 01/31/01

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	6.9	-	N	CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR
5955-70-0	Cyanide		-		NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:
J10612 _____

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

I10612

Lab Name: STL_CHICAGO Contract:

Lab Code: STL Case No.: SAS No.: SDG No.: 201647

Matrix (soil/water): SOIL Lab Sample ID: 201647-001

Level (low/med): LOW Date Received: 01/17/01

% Solids: 77.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-	-	NR
7440-36-0	Antimony		-	-	NR
7440-38-2	Arsenic		-	-	NR
7440-39-3	Barium		-	-	NR
7440-41-7	Beryllium		-	-	NR
7440-43-9	Cadmium		-	-	NR
7440-70-2	Calcium		-	-	NR
7440-47-3	Chromium		-	-	NR
7440-48-4	Cobalt		-	-	NR
7440-50-8	Copper		-	-	NR
7439-89-6	Iron		-	-	NR
7439-92-1	Lead		-	-	NR
7439-95-4	Magnesium		-	-	NR
7439-96-5	Manganese		-	-	NR
7439-97-6	Mercury	12.8	-	-	CV
7440-02-0	Nickel		-	-	NR
7440-09-7	Potassium		-	-	NR
7782-49-2	Selenium		-	-	NR
7440-22-4	Silver		-	-	NR
7440-23-5	Sodium		-	-	NR
7440-28-0	Thallium		-	-	NR
7440-62-2	Vanadium		-	-	NR
7440-66-6	Zinc		-	-	NR
	Cyanide		-	-	NR

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

H20612

Lab Name: STL_CHICAGO _____ Contract: _____

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201647

Matrix (soil/water): SOIL _____ Lab Sample ID: 201647-002

Level (low/med): LOW _____ Date Received: 01/17/01

% Solids: 80.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	33.5			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Lab Name: STL_CHICAGO _____ Contract: _____

H70006

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201647

Matrix (soil/water): SOIL_ Lab Sample ID: 201647-003

Level (low/med): LOW_ Date Received: 01/17/01

% Solids: _85.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	21.8			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

I41218

Lab Name: STL_CHICAGO Contract:

Lab Code: STL Case No.: SAS No.: SDG No.: 201647

Matrix (soil/water): SOIL Lab Sample ID: 201647-004

Level (low/med): LOW Date Received: 01/17/01

% Solids: 89.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	13.6			CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
	Cyanide				NR

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

N84248

Lab Name: STL_CHICAGO Contract: _____

Lab Code: STL Case No.: _____ SAS No.: _____ SDG No.: 201647

Matrix (soil/water): SOIL Lab Sample ID: 201647-005

Level (low/med): LOW Date Received: 01/17/01

% Solids: 89.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-	-	NR
7440-36-0	Antimony		-	-	NR
7440-38-2	Arsenic		-	-	NR
7440-39-3	Barium		-	-	NR
7440-41-7	Beryllium		-	-	NR
7440-43-9	Cadmium		-	-	NR
7440-70-2	Calcium		-	-	NR
7440-47-3	Chromium		-	-	NR
7440-48-4	Cobalt		-	-	NR
7440-50-8	Copper		-	-	NR
7439-89-6	Iron		-	-	NR
7439-92-1	Lead		-	-	NR
7439-95-4	Magnesium		-	-	NR
7439-96-5	Manganese		-	-	NR
7439-97-6	Mercury	2.7	-	-	CV
7440-02-0	Nickel		-	-	NR
7440-09-7	Potassium		-	-	NR
7782-49-2	Selenium		-	-	NR
7440-22-4	Silver		-	-	NR
7440-23-5	Sodium		-	-	NR
7440-28-0	Thallium		-	-	NR
7440-62-2	Vanadium		-	-	NR
7440-66-6	Zinc		-	-	NR
	Cyanide		-	-	NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

I10612

Lab Name: STL_CHICAGO Contract: _____

Lab Code: STL Case No.: SAS No.: SDG No.: 201647

Matrix (soil/water): WATER Lab Sample ID: 201647-001

Level (low/med): LOW Date Received: 02/13/01

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	2.0	U		CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR
5955-70-0	Cyanide		-		NR

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

TCLP

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

H20612

Lab Name: STL_CHICAGO Contract:

Lab Code: STL Case No.: SAS No.: SDG No.: 201647

Matrix (soil/water): WATER Lab Sample ID: 201647-002

Level (low/med): LOW Date Received: 02/13/01

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-		NR
7440-36-0	Antimony		-		NR
7440-38-2	Arsenic		-		NR
7440-39-3	Barium		-		NR
7440-41-7	Beryllium		-		NR
7440-43-9	Cadmium		-		NR
7440-70-2	Calcium		-		NR
7440-47-3	Chromium		-		NR
7440-48-4	Cobalt		-		NR
7440-50-8	Copper		-		NR
7439-89-6	Iron		-		NR
7439-92-1	Lead		-		NR
7439-95-4	Magnesium		-		NR
7439-96-5	Manganese		-		NR
7439-97-6	Mercury	2.0	U		CV
7440-02-0	Nickel		-		NR
7440-09-7	Potassium		-		NR
7782-49-2	Selenium		-		NR
7440-22-4	Silver		-		NR
7440-23-5	Sodium		-		NR
7440-28-0	Thallium		-		NR
7440-62-2	Vanadium		-		NR
7440-66-6	Zinc		-		NR
5955-70-0	Cyanide		-		NR

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

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U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

Lab Name: STL_CHICAGO _____ Contract: _____

H70006

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201647

Matrix (soil/water): WATER Lab Sample ID: 201647-003

Level (low/med): LOW Date Received: 02/13/01

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	2.0	U		CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
5955-70-0	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

I41218

Lab Name: STL_CHICAGO Contract:

Lab Code: STL Case No.: SAS No.: SDG No.: 201647

Matrix (soil/water): WATER Lab Sample ID: 201647-004

Level (low/med): LOW Date Received: 02/13/01

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum		-	-	NR
7440-36-0	Antimony		-	-	NR
7440-38-2	Arsenic		-	-	NR
7440-39-3	Barium		-	-	NR
7440-41-7	Beryllium		-	-	NR
7440-43-9	Cadmium		-	-	NR
7440-70-2	Calcium		-	-	NR
7440-47-3	Chromium		-	-	NR
7440-48-4	Cobalt		-	-	NR
7440-50-8	Copper		-	-	NR
7439-89-6	Iron		-	-	NR
7439-92-1	Lead		-	-	NR
7439-95-4	Magnesium		-	-	NR
7439-96-5	Manganese		-	-	NR
7439-97-6	Mercury	2.0	Ü	-	CV
7440-02-0	Nickel		-	-	NR
7440-09-7	Potassium		-	-	NR
7782-49-2	Selenium		-	-	NR
7440-22-4	Silver		-	-	NR
7440-23-5	Sodium		-	-	NR
7440-28-0	Thallium		-	-	NR
7440-62-2	Vanadium		-	-	NR
7440-66-6	Zinc		-	-	NR
5955-70-0	Cyanide		-	-	NR

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

TCLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

N84248

Lab Name: STL_CHICAGO _____ Contract: _____

Lab Code: STL _____ Case No.: _____ SAS No.: _____ SDG No.: 201647

Matrix (soil/water): WATER Lab Sample ID: 201647-005

Level (low/med): LOW Date Received: 02/13/01

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum				NR
7440-36-0	Antimony				NR
7440-38-2	Arsenic				NR
7440-39-3	Barium				NR
7440-41-7	Beryllium				NR
7440-43-9	Cadmium				NR
7440-70-2	Calcium				NR
7440-47-3	Chromium				NR
7440-48-4	Cobalt				NR
7440-50-8	Copper				NR
7439-89-6	Iron				NR
7439-92-1	Lead				NR
7439-95-4	Magnesium				NR
7439-96-5	Manganese				NR
7439-97-6	Mercury	2.0	U		CV
7440-02-0	Nickel				NR
7440-09-7	Potassium				NR
7782-49-2	Selenium				NR
7440-22-4	Silver				NR
7440-23-5	Sodium				NR
7440-28-0	Thallium				NR
7440-62-2	Vanadium				NR
7440-66-6	Zinc				NR
5955-70-0	Cyanide				NR

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:
